

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 08-150540

(43)Date of publication of application : 11.06.1996

(51)Int.Cl.

B23Q 15/00  
G05B 19/4093

(21)Application number : 06-294296

(71)Applicant : MITSUBISHI HEAVY IND LTD

(22)Date of filing : 29.11.1994

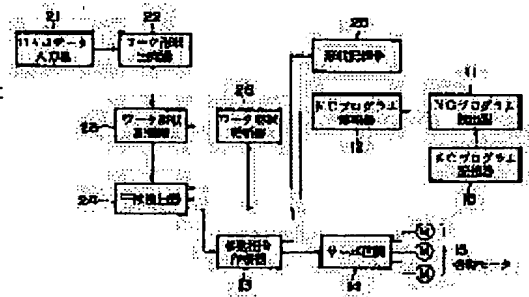
(72)Inventor : IDE KENSUKE

## (54) INTERFERENCE PREVENTING DEVICE FOR MACHINE TOOL

### (57)Abstract:

**PURPOSE:** To prevent a tool or a machine from interfering with a work without lowering the machining efficiency.

**CONSTITUTION:** Depending on the shape of a raw material, the shape to be formed, stored in a work shape storage unit 23, the shape of a machine side member, stored in a shape memory unit 25, and the movement of the machine side member commanded by a NC program interpreter 12, are inputted to an interference detector 24. The interference detector 24 judges the interference between the work and the machine side member to input a new shape to be formed, judged by a work shape renewing unit 26 to the work shape storage unit 23 as a newly commanded shape to be formed. Thus, the interference between a tool or a machine and the work can be prevented lowering the machining efficiency.



## LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2000 Japan Patent Office